

PATENT ABSTRACTS OF JAPAN

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(54) SEISMIC ISOLATING STRUCTURE PROVIDED WITH RESTRICTION AND CANCELLATION DEVICE**(57)Abstract:**

PURPOSE: To minimize shaking during earthquake and prevent shaking when a strong wind is blowing.

CONSTITUTION: Hard spheres 4 are interposed between a foundation 1 and a floor slab 2 of an upper structure, thereby supporting the upper structure so that an anchor 5 fixed on the upper part of the foundation 1 may be connected to a hook 8 on the rear surface of the floor slab 2 of the upper structure with a mooring material 6. A through hole 9 is installed at a plurality of spots responding to the upper and lower parts of the foundation 1 and the floor slab 2 of the structure which tugs downward the middle point of the mooring material 6. A lock pin 10 is inserted through the vertical through holes 9 so that a tubular support base 11 may be laid out on this upper part. A loaded article connected to the lock pin 10 with a flexible tie material is loaded on this support base.

